

AMENDMENTS TO THE CLAIMS:

Claims 1-7 (cancelled)

8. (New) An encoder-equipped sealing device comprising:

a first seal element having a first substantially L-shaped cross section defined by a first cylindrical portion and a first flange portion extending substantially perpendicularly from one end of said first cylindrical portion, with said first cylindrical portion and said first flange portion defining a first space therebetween;

a second seal element having a second substantially L-shaped cross section defined by a second cylindrical portion and a second flange portion extending substantially perpendicularly from one end of said second cylindrical portion, with said second cylindrical portion and said second flange portion defining a second space therebetween;

an elastic seal portion on said first flange portion and in said first space;

a magnet-based encoder on said second flange portion; and

a non-flat projecting portion on said first seal element, said non-flat projecting portion being on a side of said first flange portion opposite to a side of said first flange portion on which said elastic seal element is located, and extending beyond said first flange portion in a direction in which said first cylindrical portion extends,

wherein said first space and said second space face one another.

9. (New) The encoder-equipped sealing device according to claim 8, wherein said first seal element comprises a metallic first seal element, and said second seal element comprises a metallic second seal element.

10. (New) The encoder-equipped sealing device according to claim 9, wherein said non-flat projecting portion is at an end of said first cylindrical portion.

11. (New) The encoder-equipped sealing device according to claim 10, wherein said non-flat projecting portion is defined by a folded base end of said first flange portion and a folded end of said first cylindrical portion, with said folded base end of said first flange portion and said folded end of said first cylindrical portion overlapping one another.

12. (New) The encoder-equipped sealing device according to claim 8, wherein said non-flat projecting portion is at an end of said first cylindrical portion.

13. (New) The encoder-equipped sealing device according to claim 12, wherein said non-flat projecting portion is defined by a folded base end of said first flange portion and a folded end of said first cylindrical portion, with said folded base end of said first flange portion and said folded end of said first cylindrical portion overlapping one another.

14. (New) The encoder-equipped sealing device according to claim 8, wherein said non-flat projecting portion is defined by a folded base end of said first flange portion and a folded end of said first cylindrical portion, with said folded base end of said first flange portion and said folded end of said first cylindrical portion overlapping one another.

15. (New) An encoder-equipped sealing device comprising:
a first seal element having a first substantially L-shaped cross section defined by a first cylindrical portion and a first flange portion extending substantially perpendicularly from one end of said first cylindrical portion, with said first cylindrical portion and said first flange portion defining a first space therebetween;

a second seal element having a second substantially L-shaped cross section defined by a second cylindrical portion and a second flange portion extending substantially perpendicularly from one end of said second cylindrical portion, with said second cylindrical portion and said second flange portion defining a second space therebetween;

an elastic seal portion on said first flange portion and in said first space;

a magnet-based encoder on said second flange portion; and

a non-flat projecting portion on said first seal element, said non-flat projecting portion being on a side of said first flange portion opposite to a side of said first flange portion on which said elastic seal element is located, and extending beyond said first flange portion in a direction in which said first cylindrical portion extends,

wherein said first space and said second space face one another, and

wherein said elastic seal portion and said non-flat projecting portion are not positioned at the same level in a direction away from said first cylindrical portion.

16. (New) The encoder-equipped sealing device according to claim 15, wherein said first seal element comprises a metallic first seal element, and said second seal element comprises a metallic second seal element.

17. (New) The encoder-equipped sealing device according to claim 16, wherein said non-flat projecting portion is at an end of said first cylindrical portion.

18. (New) The encoder-equipped sealing device according to claim 17, wherein said non-flat projecting portion is defined by a folded base end of said first flange portion and a folded end of said first cylindrical portion, with said folded base end of said first flange portion and said folded end of said first cylindrical portion overlapping one another.

19. (New) The encoder-equipped sealing device according to claim 15, wherein said non-flat projecting portion is at an end of said first cylindrical portion.

20. (New) The encoder-equipped sealing device according to claim 19, wherein said non-flat projecting portion is defined by a folded base end of said first flange portion and a folded end of said first cylindrical portion, with said folded base end of said first flange portion and said folded end of said first cylindrical portion overlapping one another.

21. (New) The encoder-equipped sealing device according to claim 15, wherein said non-flat projecting portion is defined by a folded base end of said first flange portion and a folded end of said first cylindrical portion, with said folded base end of said first flange portion and said folded end of said first cylindrical portion overlapping one another.

22. (New) An encoder-equipped sealing device comprising:
a first seal element having a first substantially L-shaped cross section defined by a first cylindrical portion and a first flange portion extending substantially perpendicularly from one end of said first cylindrical portion, with said first cylindrical portion and said first flange portion defining a first space therebetween;

a second seal element having a second substantially L-shaped cross section defined by a second cylindrical portion and a second flange portion extending substantially perpendicularly from one end of said second cylindrical portion, with said second cylindrical portion and said second flange portion defining a second space therebetween;

an elastic seal portion on said first flange portion and in said first space;

a magnet-based encoder on said second flange portion; and

a projecting portion on said first seal element, said projecting portion being on a side of said first flange portion opposite to a side of said first flange portion on which said elastic seal element is located, and extending beyond said first flange portion in a direction in which said first cylindrical portion extends,

wherein said first space and said second space face one another, and

wherein said elastic seal portion and said projecting portion are not positioned at the same level in a direction away from said first cylindrical portion.

23. (New) The encoder-equipped sealing device according to claim 22, wherein said first seal element comprises a metallic first seal element, and said second seal element comprises a metallic second seal element.

24. (New) The encoder-equipped sealing device according to claim 23, wherein said projecting portion is at an end of said first cylindrical portion.

25. (New) The encoder-equipped sealing device according to claim 24, wherein said projecting portion is defined by a folded base end of said first flange portion and a folded end of said first cylindrical portion, with said folded base end of said first flange portion and said folded end of said first cylindrical portion overlapping one another.

26. (New) The encoder-equipped sealing device according to claim 22, wherein said projecting portion is at an end of said first cylindrical portion.

27. (New) The encoder-equipped sealing device according to claim 26, wherein said projecting portion is defined by a folded base end of said first flange portion and a folded end of said first cylindrical portion, with said folded base end of said first flange portion and said folded end of said first cylindrical portion overlapping one another.

28. (New) The encoder-equipped sealing device according to claim 22, wherein said projecting portion is defined by a folded base end of said first flange portion and a folded end of said first cylindrical portion, with said folded base end of said first flange portion and said folded end of said first cylindrical portion overlapping one another.